



Station No. / - /928
Date, \$\hat{\text{O}} \tag{\text{O}} = 2:
Time of day, 11. 42 Ma of tide the was the
Locality. Many on alt. De . R. V.
Exact position, World Bretats, s. r. = W
195 miles may
Depth.
Nature of bottom,
Dredging instrument used. Amolge
Direction of drift, distance.
Temperature of air.
" of surface water.
" at depth of fathoms.
" at bottom. 61" "
Density at surface. 1.00 10 temp., 15
" at depth of rathons.
" at hottom. 10777 " 14.59
Number of salinometer, 10
Barometer reading.
State of sky. Freysaut
Direction of wind, & & G ; force. She -10
Rain, The Interna therete
Direction of surface current. Total : force, 13 / 120 [
" of bottom " ; force.
" of bottom " ; force.
Yame of vessel, Service to which attached,
" of bottom " ; force.

NOTES RELATING TO STATION NO. dil Andent anchorer atgraw and mist Dr. A. O. Bunifere of Brun unwilt & of the Abroli Soland Fish anno Buner late st, to this Status. In S. E must manunique que Sia marting in come as ligure indriered great becoming to thick our ming to get bearing and and lenking one on the the rescal constant strams arm n Pt. of Conanceal wants at hurbert ho himse The dudge for an temperature used.

TEMPERATURE AND DENSITY.

1929
Station No. 2
Date. Date. Time of day. Time of day.
Time of day. To att of tide, 3 hongary
Locality, Violation
Exact position. Sacrafone PF. Ll. SXE. 56
Depth. 22/2 July
Dredging instrument used. The distance 18 mile
,
Temperature of air. 5/6 therm. No., 7397
" of surface water. 7344
" at death of fathoms. "
" at horton.
Density at surface. 1.017 temper-/2003
" at depth of fathoms." "
" at bottom. 10/9
" at bottom. 10/9 73 2 Number of salinometer Surface 7301 Barometer reading, 20, 31
Barometer reading 30,3/
State of sky. Clary
Direction of wind, A. Soforce,
Rain. Wu.
Direction of surface current, South : force, -3 Knat
of bottom : force,
Name of vessel,
Service to which attached.
Name and rank of commanding officer,
K. C. Carries Weller

Name and position of observer.

NOTES RELATING TO STATION NO. 2 Pat derer Tolhenen Travel Old gercholigo o and dufleth mit current to this Salur (Sta. 2 when howerd up. The true Continued oucher gran out of the

0 /920
Station No. 3 Date, 3 -1698
Time of day, 9, 2 Tall of tide, the hours of the
Locality, Possidence Rever 120.
Exact position. Sarsafrar Rt. at. 5 1/4 8.2
miles mag.
Depth.
Nature of bottom.
Dredging instrument used. The beaut frust
Direction of deift
Temperature of air. 5 / therm. No., 70 %
Temperature of air. of surface water.
" at depth of fathoms.
" at horton.
Density at surface. 1,0// temps 13
" at depth of fathoms.
" at bottom. 1017 1235000 70-9
Number of salinometer.
Barometer reading.
State of sky. Mich Race
Direction of wind. 74576 : force,
Rain. (V.)
Direction of surface current. : force, .3 Km
" of bottom " ; force,
Name of vessel.
Service to which attached,
Name and rank of commanding officer,
P 7, 121211-0.
None and recition of alcorer

NOTES RELATING TO STATION NO. 3 about clatter I and doubted mh envent to this states (Stas) when haved up. The hand Centained. being gime- I beins muchania 2 Portymiches vertications 6 Erangen 1 Enjoying Conjicacions Apt. Trulinea 1/2 pt. Ellermerer hery inall and hope. I discura defectata throughty very darker birch.

14 1931
Station No. Date: 193
Time of day. 10.15 the of tide, 33/2 2001 1884
Locality. Parvidence River & . I.
Exact position. The safras we John, O Try W/whi
Boufut mag.
Depth. 27 jule
Nature of bottom, Which month.
Dredging instrument used. Direction of drifts for a distance.
Direction of drift; Fig. 2 : distance.
Temperature of air. 50 therm. No., 7397
" of surface water, " 7344
" at depth of fathoms.
" at horton,
Density at surface. 1007 temp.
" at depth of fathoms. "
" at bottom. 10/7
Number of salinometer, 7049
Barometer reading. 30 32
State of sky. Oline This
Direction of wind. Merzh : force,
Rain, 720
Direction of surface current, SXE/4 & force, ,3 /wit
Name of vessel.
Service to which attached.
Name and rank of commanding officer,
La Taring Carlo
Name and position of observer.

NOTES RELATING TO STATION NO. Puldrum 7 othern brasso m 12 pt water words ved, bury no 10. treked ant her duffled with the current to The states (4) when haufel after fish and hring- 1 Raja ericacen I Phindo human americana. . I Starfel 1 Sycotypeus Serve Balano Scoul Funday Comme humanus Trulinea Saural Steinger Water hours many Terish in Pany us. 1 Supris These 1 lugticus 1 second it is a sea with go.

TEMIENATURE AND DENSITT.
1932
Station No.
Date.
Time of day. 10,40 OM of tide, - 2 2 1
Locality, Romer R. J.
Exact position. Caseabar H. Chank Walk
.28 miles Mug.
Depth. 285 few
Nature of bottom.
Dredging instrument used. The Cream how
Direction of drift, S.x & & & . : distance. The mile
Temperature of air. 50 / therm. No., 7397
of surface water.
" at depth of fathoms, "
" at hottom,
Density at surface. /, 008 temp., /3 C
" at depth of fathoms, "
" at bottom. 10/8 13
Number of salinometer,
Barometer reading. 30 33
State of sky. The Plan
Direction of wind. Horth ; force, 2
Rain, /11
Direction of surface current, 5, 2, 8 5; force, . 3 Kurks
·· of bottom ·· : force,
Name of vessel 1.5. + 6.5
Service to which attached,
Name and rank of commanding officer,

NOTES RELATING TO STATION NO. Put brand down men Start and market month March In Electric 57) hing- Somer quest of tructions 21 m. Salemã

Station No. 6 1933
Date, Oak Starts
Time of day, // J Own; of tide.
Locality, Br. While Review B. J.
Exact position. Saleafine Ct. St. H. HW & V
,42 miles mag.
Depth, 77 x x
Nature of bottom,
Nature of bottom, Dredging instrument used. The beaut baws
Direction of drift, & S. ; distance,
Temperature of air, 5th therm. No., 723
Temperature of air, therm. No., 733 " of surface water, 3,59 " at depth of fathoms.
· at depth of fathoms. ·
" at bottom, 140 2
Density at surface. 1007 temp., 13
" at depth of fathoms, "
" at bottom, 2/7 12
Number of salinometer, And Type 72.07
Barometer reading. $\mathcal{Z}, \mathcal{J}\mathcal{J}$
State of sky, July (1919)
Direction of wind, The force.
Rain,
Direction of surface current. D. C. : force. , U Aut.
if afficiency of
Name of vessel,
Service to which attached, The Govern
Name and rank of commanding officer.
a subsected Warry
Name and position of absencer

NOTES RELATING TO STATION NO.

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TEMPERATURE AND DENSITY.

A		163.6	
Station No.	,	1900	
Date,			
Time of day,	; of ti	and the second s	and the state of
Locality, W. i i	hence 1	Euro 1	P. Carlot
Exact position, y	lue KK. Mag-	at No.	8 5 K
Depth.	9		
Nature of bottom,	* <u>.</u>		1 " am 100 1 "
Dredging instrument	itsed.	14211	- here
Direction of drift,	÷ ; (listance, 3	No least
Temperature of air,	· fue	thern	n. No., 739
of surface	ee water. /		
" at depth	of fathoms	.,	
" at Eotto		3 2007	
Density at surface,	1018	tem	P.,
at depth of	fathoms,	4.6	A
" at bottom,	1316		10-
Number of salinomete	er,	48	70/0
Barometer reading.	33,33		
State of sky.			
Direction of wind,	BANK ; 1	orce. 2	and the second
Rain,	111	A	
Direction of surface c	urrent, & & &	S : force.	15%
" of bottom	44	: force.	
Name of vessel,	6.5	É	
Service to which attac	hed,		
Name and rank of com		r, ·	

Name and position of observer,

TEMPERATURE AND DENSITY.

TEMPERATURE AND DENSITY.
Station No. 8
Date. ON 28/98
Time of day. 7, 5 PM, of tide.
Locality.
Exact position Conamical It . M. No.
1600 × n 1 % miles mag.
Depth, 4 to 6 fare.
Nature of bottom. Dredging instrument used 7 the beaut travel
Direction of drift, ; distance,
Temperature of air. 5 76 therm. No., 7387
of surface water,
at depth of fathons.
" at bottom, /3. " Density at surface, /220 temp., /35
" at depth of fathoms, " at bottom, 1020
Number of salinometer, 70 43
Barometer reading.
State of sky,
Direction of wind, 2 ; force.
Rain, 740 -
Direction of surface current. : force. 13 / 19/1
Name of vessel. U. S. L. S. Fish Harries
Service to which attached,
Name and rank of commanding officer.
Commission of the second

Name and position of observer,

2 Raja consider 3 Companies 2 My and states

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TEMPERATURE AND DENSITY.

Station No. 9 1936
Date,
Time of day. 3.55 Mortide. 4 West - flavely
Locality, There was the Man & Red
Exact position. Commercent det al. A.
16xW = W 2/4 miles May.
Depth, 3 to 4 to free 1
Nature of bottom, All All
Direction of drift.
Direction of drift. E, C ; distance, y
Temperature of air, therm. No., 7.7.7
of surface water,
" at depth of fathoms, "
at hottom,
Density at surface. 10 17 temp., 13.5
" at depth of fathoms, "
" at bottom, 10 20 13 C
Number of salinometer.
Barometer reading.
State of sky.
Direction of wind, , ; force.
Rain,
Direction of surface current. , 1 11 : force, 3/44/
of bottom : force.
Name of vessel,
Service to which attached, The Contract
Name and rank of commanding officer.

Name and position of observer,

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Time of day.

Locality.

RECORD OF DREDGING.

Exact position.	
that the in the state of the st	
Depth, / Station	
Nature of bottom, owith Y pune.	7
Dredging instrument used. Hill beaut han	£,
Direction of drift, Sx 17 19 ; distance. 10 1116	il.
Temperature of air. 577 file. therm. No.,	7399
" oKourface water. "	
" at depair of fathoms. "	
at Vottom,	
Density at surface. 15 77 temp., 1	2.6
" at deptir of inthons,	
	. 0
Number of salinometer. Little obs. 710-	
Paranatan madine	
State of sky. Clear blue rolend	7
Direction of wind,	
Rain, 720 -	,
Direction of surface current	10
" of bottom " ; force,	-
Name of vessel,	ar Fa
Service to which attached, Fish Correction	
Name and rank of commanding officer. The Core	139/1
The Davider Vision	
Name and position of observer.	
Name and position of observer.	
Francisco Vier	

All a Trunc good of

Time of day. : of tide, 3 m. 20 m
Locality. 7 Carrace. Lack Eggs. A.S. 8 10.
Bear lad light, 1.3. 3 %
12 mag
Depth. 13 Etime.
Nature of bottom. Rand
Dredging instrument used. 10 test bears trand.
Direction of drift 16 1/2 1/2 . Moranes 12 12. 1
Temperature of air. July, therm. No., 729
" of turface water. "
" at depth of fathoms. "
at hottom.
Density at surface. 10 7 2 temp., 12.7
at depth of - fathoms.
" at bottom. 1.074 - 13.4°
" at bottom. 1.074 " 13.4" Number of salinometer. both obs, 7137
Barometer reading. 19. 17 Long
Direction of wind. 71, 17, ; force,
Rain.
Direction of surface current. 6. 1. 1. iforce, 3/10
Name of vessel, U. J.
Name of vessel, W. J.
Service to which attached, The Communication
Name and rank of commanding officer, It was been
Name and position of observer
The Man Comme

2 man Silver hay

There is a shell in the

1219
Station No.
Date, Oer, 31-1898
Time of day. 12.05 inftide, 4 title elim,
Locality, Many west to 1 2.37
Exact position Televise and the property of the
mas free Tixe I much
Depth, Ir farhom
Nature of bottom, Pand
Dredging instrument used, 10 feet bear to next
Direction of drift. P. W. : distance. 3/2 of such
Temperature of air. 33 Faker, therm. No., 739
" of suplace water. "
" at depth of fathoms.
" at bottom. "
Density at surface. 10 22 temp., 13 -
" at depth of fathoms. "
" at bottom, 1.023 13.6°
Number of salinometer, with the 7104
Barometer reading. 29. 74
State of sky. Cloudy
Direction of wind. M. M. : force,
Rain, no
Direction of surface current, Q OM: force,
" of bottom " ; force,
Name of vessel, U. J. F. C. D. Fish Hand
Service to which attached, For Consessur seems
Name and rank of commanding officer. It Com the
R. G. Sacrefair. unay.
Name and position of blaserver.
Mulligae Wester

NOTES RELATING TO STATION NO. /2 27 Rymorth Like I heize well to man 1 from from 1 3 Prince

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Station No. 13 / 960
Date, Oth. 31-1898
Time of day. 1,3 - for forde. 5th hounds
Locality. This will be the first of 2.
Exact position / Court . Tour lange . 7 . 1
ule A
Depril. 99 7/2.
Nature of bottom.
Dredging instrument used. /
Direction of drift, Ex H ; distance.
Temperature of air.
" of auriacy water. "
at death of fathoms
at bottom.
Density at surface.
a at depth of fathoms.
" at bottom. 1.0 -4 14
Number of salinometer. 7/02
Barometer reading. 29.77
State of sky. Alice - Jenety
Direction of wind, M. R. W : force.
Direction of wind, M. R. W.; force.
Direction of wind, M. R. W.; force.
Direction of wind, M. R. IV; force. Rain, 760 — Direction of surface current, D. C. IV; force, 2400
Direction of wind, M. R. W.; force. Rain, 760— Direction of surface current, D. C. W.; force, 2400 of bottom; force. Name of vessel. W. J.
Direction of wind, M. R. W.; force. Rain, 760 Direction of surface current, A.C. W.; force, 760 of bottom ; force. Name of vessel. W. J.
Direction of wind, M. R. R. Force. Rain, Ro Direction of surface current, D. C. W.; force, 2000 of bottom : force. Name of vessel. Service to which attached. Name and rank of conquanding officer.
Direction of wind, M. R. W.; force. Rain, 760— Direction of surface current, D. C. W.; force, 2400 of bottom; force. Name of vessel. W. J.

NOTES RELATING TO STATION NO. 13 Frence Cay (ta for heter substituted by Sugarapa,

Station No. 14 - 1961
Station No. 12 - 1961 Date, Cor 31-187
Time of day. I, i fitte, the in the
Locality, Maringamente Joseph
Exact position of Late W. Sy.
mag.
The said of the sa
Nature of bottom. And the state of the state
Dredging instrument used, 10 to the arm To to
Direction of drift W. T. : distance. The Lo
Temperature of air. 155 Tales therm. No. 7
of springe water.
" at death of fathous. "
" at bottom. "
Density at surface. /05-7 temp., /3,/
·· mi dagsila set ficilium.
" at bottom. 10935" " 15,3"
Number of salinometer. Little, 7102
Barometer reading. 29,76
State of sky. 1 Live - Clovery,
Direction of wind. IT N. TC. ; force.
Rain.
Direction of surface current, O : force, O
" of bottom " : force.
Name of vessel. To the first the second
Service to which attached.
Name and rank of commanding officer. De Conder
Name and position of observer.

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1 small subject hatee

1 times was a straked.

Station No. 15 1962 Date, 687. 37 17
Date, Oth. 31- 97
Time of day. 5, 66 - : of tide, 34 pm
Locality, Home award 1 say
Exact position, The Control of the C
9 Sol 116 6 F
Depth, /3/2
Nature of bottom. Hand Daud
Dredging instrument used. 10 Sur Asom Trant
Direction of drift, H. D. Yr. ; distance, & mile
Temperature of air. 54 therm. No., 735
·· of surface water,
at depth of fathoms.
at bottom,
, e
Density at surface. 1000 temp., 13.
Density at surface. 100 temp., 13.
" at depth of athoms.
" at bottom. 10235 13.8 Number of salinometer, 7.04 Barometer reading. 29.78
nt depth of fathoms. " at bottom. 10235 13.5 Number of salinometer, Barometer reading. 29.73 State of sky.
" at bottom. 10235 13.3 Number of salinometer. Barometer reading. 25.71
nat depth of fathoms. " at bottom. 10235 13.3 Number of salinometer. Barometer reading. 29.77 State of sky. Plue Charley Direction of wind. M. W. ; force, Rain,
" at bottom. 10235 13.3 Number of salinometer, Barometer reading. State of sky. Direction of wind. M. W.; force,
number of salinometer, Barometer reading. State of sky. Direction of wind. M. W.; force, Rain, Direction of surface current. 7.8.; force, //o
national athoms. "at bottom. 10235
at bottom. " of bottom. Name of vessel. " Service to which attached.
nat depth of fathoms. "at bottom. 1023
national athoms. "at bottom. 10235

Constant of the server of the

Station No. 16 - 1943
Date, CAR 3 - CR
Time of day. 3 - PMc of tide. 1/2 from
Locality, Herring success 1 son
Exact position. The second 70 Men Second
with the major is the
Depth.
Nature of bottom, Art . 1000
Dredging instrument used, 16 19 19 19 19
Direction of drift, O. H. & II. & distance, M. A. M.
Temperature of air, 574 therm. No.,
" of quiriage water, "
" at depth of fathoms. "
" at bottom, "
Density at surface, 1955 temp., 18
" at depth of fathoms, "
" at bottom, 102 " /3,7
Number of salinometer, 704
Barometer reading. 29, 74
State of sky. Show - Showly
Direction of wind HR. W. ; force,
Rain, NO
Direction of surface current, H & : force,
" of bottom " : force,
Name of vessel, 1/1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Service to which attached, F. A. Commission
Name and rank of commanding officer
I have been a second
According to the second

dusto a Track with "double orrow

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No. Time of day. 5.15 au. : of tide, 12 Acres 1 Walter to he 7

Nature of bottom.

Depth.

Dredging instrument used,

Direction of drift.

Temperature of air.

of surface water. at dèpth of

Density at surface. 22

at bottom.

" _at depth of fathoms

at bottom.

Number of salinometer.

Barometer reading.

State of sky.

Direction of wind.

Rain.

Direction of surface current.

of bottom

Name of vessel.

Service to which attached,

Name and rank of commanding officer.

Name and position of observer,

TEMPERATURE AND DENSITY.

10 /9/10
Station No. 18 _ 1965
Date, 745-18 18
Time of day. 9 - i of tide.
Locality. Wirming Strike Quint
Exact position, France Light no E. 2.7
God who Hort again to 6"
Depth,
Nature of bottom, Rock Whited
Dredging instrument used. Their beaut travel
Direction of drift, W & Z : distance.
Temperature of air. 63° Factor therm. No.,7377
of surface water.
at depth of fathous
" at hottom, "
Density at surface. 1.073 temp., 17.900
" at depth of fathoms, " " at bottom, 1.0 = 13.1."
Number of salinometer. 7104
Barometer reading. 30, 25
State of sky. Olean bline.
Direction of wind, H. H. H. ; force.
Rain,
Direction of surface current. W : force, Kust-
" of bottom ". : force,
Name of vessel.
Service to which attached,
Your and part of autoparding afficer

Name and position of observer,

NOTES RELATING TO STATION NO. /

Hydroletings 1

TEMPERATURE AND DENSITY.

Station No. 19 - 966 Date. Hov. 15 / 15 / 15 / 15 / 15 / 15 / 15 / 15
Date. Nov. 1= /
Time of day, 10.20 in of tide, Mary 194
Locality Enerone & Bl. Sto. Some me
Exact position.
Depth.
Nature of bottom, Such - 7
Dredging instrument used. 7
Direction of drift, N.71. H. ; distance.
Temperature of air. 17 Fig. therm. No., 72 9
of surface water.
" at depth of fathoms, "
" at forton, "
Density at surface. 1,0 > 3. temp., 10.
il despet to eat the free free
" at bottom, 1,024 " 13,50
Number of salinometer, 7/04
Barometer reading. 30:26
State of sky. The state
Direction of wind, H. H. W. ; force.
Rain, 20 -
Direction of surface current, 77 ; force,
" of bottom " ; force.
Name of vessel, //
Service to which attached,
Name and rank of commanding officer,

Name and position of observer.

NOTES RELATING TO STATION NO. / morning the a for Vancount dead 3 la 20 1.30 h. 2 26 Miles my land aire. afor behing the one 22 21. There Other 11 5 1 1 2 2 1 Dan the Live Othicker and alterial Concelleren Strinting a few idotea Congruepes in a truscreto hell Driet sies of lonenta 6 for egg. Vi throsalping. Alinghan Bryogen Tites with Engreacher

The lettom . , rough -

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RECORD OF DREDGING.

40 /
Station No. 20 - (94)
Date, No. 15 1898
Time of day. / 6 & 2 coffide. 2 dita-
Locality, Wirmster to Pologic atolog in mile
Exact position. Programme Contract of the Cont
Such was to the wife of Orthon 4 1 1
Depth. 29
Nature of bottom. Places
Dredging instrument used. Could drabge.
Direction of drift, I far H ; distance. 1/2 will
Temperature of air. 32 therm. No., 739
of surface water, 1072
· at depth of fathoms.
" at bottom, 57 / 2 12
Density at surface. 1.372 remp., 13.7
" at depth of fathoms, "
" at bottom, 10 = 44" " 12.8°
Number of salinometer, 7/04
Barometer reading.
State of sky. Cleb - Here
Direction of wind, H. M. W. ; force.
Rain, No-
Direction of surface current. 77. : force. 1 Kew t
" of bottom "; force.,
Name of vessel. H & F J. Y hist. Thurste
Service to which attached. The Commercian
Name and rank of commanding officer.
R. E. January or Viving
Name and position of observer,
& Millelly and

The contract of The self way NOTES RELATING TO STATION NO. 20 Lyprina Irlandrew - Ment asterte materia Carriam primature product of the same of the de democratico faller tes Later of Sin 21 on barremainter in the city a few small fortatting in Their prosters Country in new trees so dy Languagia It marks Allegista in the 1 Chillian U fee a migray por a long of the Corner of the mond tile = 1 miss. as a proper sund from sign

1010
Station No. 2/ - 1748
Date, Nov. 1st 1898 Time of day 11-4 Miles of ride 3 keeps and
Time of day, 11-4 Mm : of tide, 3 kmm
Locality Entance telsues wet
Exact position.
Heek Lela never trans to xx to 0 3 1 may
Depth, 24 formula
Nature of bottom.
Dredging instrument used. There fram trans
Direction of drift, Px H. : distance, 2 tell
Temperature of air. 5-50 Falce. therm. No. 739
of surface water,
" at depth of fathoms.
at bottom. 56,5° Field Reporte.
Density at surface. 1023 temp., 13.6
" at depth of fathoms, "
" at bottom / Ludge 1 10 10 10 13
Number of salinometer, Barometer reading.
State of sky. Clean byen
Direction of wind, If ; force,
Rain. 70 -
Direction of surface current, W. : force, / here's
ti at here are the second at t
Name of yours U. 47 Y. Fill Vanch
Service to which attached, The Commenced Name and rank of commanding officer.
Name and sort of survey diagrams of Court of
Name and rank of commanding omcer.
·
Name and position of observer.

NOTES RELATING TO STATION NO. Elisad Proper in properties compacta grand organis the membranipora I have bridge annie Morney in refe of the contract of the same all it. Dy: 1 Lysinia I forming feelen ten -Rinu amaronenim 2 SHOW THE TRUTTE 1 Same filer den The proceeds in morale. / propole terrord out to and the A. Malligura VERTIN Vomente greeking . on

Station No. 77 - 1969
Date, Nev. 1 98
Date, Park 1
Time of day, 1.10 coffide, Shale His ken .
Locality, Cal A. C.
Exact position, The Will Mills, tr Mx R 1/2
may But the District of the Man
Depth. 0 72 falls - 112
Nature of bottom, Market Ly Dredging instrument used,
Dredging instrument used, 7
Direction of drift, I. H. X : distance, / www.
Temperature of air. 54 False therm. No., 72()
of sarticle water,
" at depli of fathoms, ; "
at horton, 5-6 my, ett.
Density at surface. 10 23 temp., 13,1°
" at depth of fathoms, "
" at bottom. light wy. 1,023 13,2
Number of salinometer, 7/04
Barometer reading.
State of sky, Stur - Light house.
Direction of wind, H; force,
Rain, 710 -
Direction of surface current, Dr. : force, Kurr
of bottom, : force,
Name of vessel,
Service to which attached, - The contract to the service
Name and rank of commanding officer,
in any I have -
Name and position of observer.

NOTES RELATING TO STATION NO. 2 2 peral A har peral. A. 1 At marine 1 mondelle as a by mile from our roy to per al minimi- come letters Queral princes in Toman & gire is is cuiting in the I smill confirm I Praye see when a production number is the or stealer & francisco. 1 " Butter thy Fine County of the Minute Queral with den, 1 Gefinia formenta 1 Cyponia Wandien (lend) 1 Somerchan shell with a few might stail But the the second of the second Plan of the work of the way he April appeal Reserved mark the time. Angles State on the property of the S. 1000 They had more bornain For form of money or 1 Commun and

Station No. 3 - 1950
Date, 201.1-05
Time of day. 2, 100 how of tide 10 days, 1 11
Locality. Earr of Talent Talant
Exact position, hartie when the first mules
nutes
- Indiana A
Depth. 20 fatherne
Nature of bottom, Whird Dawl
Dredging instrument used, 7 fee dian. Transfer
Direction of drift, with the distance, / Mul
Temperature of air. 53 " therm. No., 739
of surface water,
" at depth of fathoms, Jahr
" at bottom, 56 Myrett.
Density at surface, 1.50 3 temp., 13.10
" a t depth of fatho ms, "
" at bottom. 1.0225 Righter at 17,7
Number of salinometer, Barometer reading.
State of sky, Blue - by the hange
Direction of wind, 7/7; force,
Rain. 710
Direction of surface current, 27, : force, 1 kerry
Name of vessel. W. J. T. O.J. Fall Blanch
Service to which attached,
Name and rank of commanding officer.
The County of Manny
Name and position of observer, '

NOTES RELATING TO STATION NO. 16 Coperant an house & Million profite or were 1 Remark + 1 Robert The formings 1. Paris Love Street Criball. 1 puch petetin Un 1 mid de com 21 since have him had Su 1 ... apple in Dia beneau. Rotaria fortuna ren war war Milly will have Kut Congres out some. 2/2-1:10 factoria = a. a. a.c.) y Com to Miller Language derica District to the - () constant les to red in O pay Week on the 1 high son 18 of 18 to the section of Eural ke your

Station No. 24 - 1951 Date, Nort 15/598
Date, Nor 15/298
Time of day, 2.4 1 four of tide. deter is the
Locality, S. S.
Exact position, 1/ & ltho- 16 ma
Was It
Depth. 16 to tone
Nature of bottom, Ound - Mart
Dredging instrument used. The Frank Track
Direction of drift, O, M. WO : distance 3/1 mile
Temperature of air, 57° Jacks, therm. No., 729
of surface water,
" at depth of fathoms, "
" at bottom, 56,5 Megrette
Density at surface. 1972 temp. 197
" at depth of fathoms, "
" at bottom. 1.023 acquire up 17.9
Number of salinometer. Barometer reading. 20, 23
State of sky, Addies high - house
Direction of wind, T, ; force.
Rain, Thu
Direction of surface current, () : force, ()
of bottom : force. Name of vessel, M. J. C. A. J. A. A. A.
Service to which attached,
Name and rank of commanding officer,
Representation of the second
Name and position of observer.

NOTES RELATING TO STATION NO. 2

Station No. 75 - 1957
Date, 7611 - 11
Time of day. San Son of tide. There of the
Locality, Colly of beach in land
Experience 2.7.
Depth. 13 fathering
Nature of bottom, Third Gravelly
Dredging instrument used,
Direction of drift, S. P. 3/2 C distance. 3/4- (1887)
Temperature of air. 56 Folly therm. No. 75
" OX SPIInce Water.
" at design of farmous.
et botton.
Density at surface.
" at depth of fathoms, "
" at bottom. 1,025 " 12,7°
Number of salinometer, 7/04
Barometer reading.
State of sky, Andrews Angles
Direction of wind, Mr. ; force,
Rain, 700 —
Direction of surface current, . : rouce, ;
" of hottom " : force.
Name of vessel.
Service to which attached,
Name and rank of commanding officer.

NOTES RELATING TO STATION NO. 25 who down all region fin Capitala.

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Station No. 26, 7777
Date, 1100, 2 1016, on some
Time of day, 10, am. ; of tide, 3/2 of white
Locality, Harragan Hay
Exact position, West York and Carlot
Mrs. 67 da mile may.
Depth. 7 february,
Nature of bottom, tillical
Dredging instrument used, Their terms to the
Direction of drift. Ex Q ; ; distance. /c
Direction of drift. Exa, : distance. /
vi surface fater.
" at depth of fathoms. "
·· arkorrow,
Density at surface, 1.0 7 7 temp., /2, 7
" at depth of fathoms, "
" at bottom, 1.076 13. =
Number of salinometer,
Barometer reading. 30.17 State of sky, Thu - Clerch
State of sky, Thue - Clerco
Direction of wind, AXW. ; force,
Rain, No
Direction of surface current A, XW.; force, 14 Kees
of hottom force,
Name of vessel. U. 97.C. Y. Fice. Mank
Service to which attached, Folly Smither as
Name and rank of commanding officer.
Name and position of ghserver,

NOTES RELATING TO STATION NO. 26 Mitalus phelis. bold bonders had rige of Constitutions of miles were sure of the sure of t Rock Class of Contract of Cont 1 Rysky is. An removed and the State of the Mitte Draw chette sij Majedins Brazarisala Chiera Dacketa Conceya. ptar ful. 7 mehes / 1. ...) machini - Marin fund E. Ingicagne 1/1/ Masthia Small Commence in Drag center , sea Transition. 1 Sittorina Litteria - they Fred alan Chico in the

643

RECORD OF DREDGING.

Station No. 27 - 1952
Station No. 27 - 1954 Date, Nov. 2-198,
Time of day. / 0 / f : of tide.
Locality, Micos Africa att 12 mg
Exact position, Della, Seed begin & MY
Pouth - det 1/4 miles mes
Depth, /0/-
Nature of bottom, Windy Sheet
Dredging instrument used. I feet home y and
Direction of drift. idistance, for much
Direction of drift. idistance, / tells Temperature of air, 56° fals therm. No., 739
" of surface water, "
at death of fathons.
at To: win,
Density at surface. 1.022 temp / 2.50
" widepth of fathoms.
" at bottom. 1.0 2 2 13.25
Number of salinometer, 710 -
Barometer reading. 20.17
State of sky, I down Clory
Direction of wind, D W ; force,
Rain, No
Rain, No Direction of surface current, AXII.: force.
Direction of surface current, AM : force.
Direction of surface current, AXII : force. of hottom : force. Name of vessel, U. F. F. A. A. A. C.
Direction of surface current, AM : force.
Direction of surface current, X : force. Same of vessel. Service to which attached.
Direction of surface current, All: force. of-bottom: force. Same of vessel. Service to which attached And Comments.
Direction of surface current, X : force. Same of vessel. Service to which attached.
Direction of surface current, X : force. of bottom : force. Name of vessel. Service to which attached X : force.

NOTES RELATING TO STATION NO. 27 Condus - dear nuty las hells Destrola Llenty The most in the said Au lepidonotus Fred Trelia E. long remper Berga Pul & Emiralfine to mi 1 Charmaire For the for and competition in 20 Camara Semera Egg string of pysotype with Paneland System

d 1000
Station No. 78 - 1955
Date, Nov, ~ - 1898
Time of day. 10 of tide. 1,0 h. 1 all
Locality,
Exact position, Suter in the second
2.67 mules rung.
Depth,
Nature of bottom,
Dredging instrument used, 7
Direction of drift,
Temperature of air. 16 724. therm. No.,7397
of surface water.
" at depth of fathous. "
" at Portoin.
1 1 - 1
Density at surface. 1-621 temp., 17.
Density at surface. The temp., temp.,
at bottom.
at bottom. " at lottom. " 1044
at bottom. Number of salinometer. Barometer reading.
at bottom. Number of salinometer. Barometer reading. State of sky.
at bottom. Number of salinometer. Barometer reading.
at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind, Rain,
at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind.
at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind, Proce. Rain, Direction of surface current, of bottom: force,
at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind, Direction of surface current. Office. Force, Your of yoursel.
at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind, Direction of surface current. Name of vessel, Service to which attached.
at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind, proce. Rain, Direction of surface current. State of surface current. Service to which attached, Name of vessel, Service to which attached.
at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind, Direction of surface current. Office. Force, Your of yoursel.

NOTES RELATING TO STATION NO. 24

10 A

Station No. 29
Date, Mr. 200 / GV
Time of day, 1/2 in ortide. The sale
Locality, 700 2
Exact position, Contaminate fund
light, H & Ja 8. 1.25 miles me
Depth,
Nature of bottom, White
Dredging instrument used. That A RIM The
Direction of drift, Q J/ We : distance.
Temperature of air, 57 Fine therm. No. 39
of surface water,
" at deprit of fathous. "
" at lottom.
Density at surface, 1.0 2/ temp., 17.3
- ne depth of fethoms;
" at bottom, 1.0 23 " 187"
" at bottom, 1.0 23 18.7"
" at bottom, " 1973 " 1987" Number of salinometer. Barometer reading. State of sky.
" at bottom, " " " " " " " " " " " " " " " " " " "
" at bottom, " 1073 " 1877 Number of salinometer. Barometer reading. State of sky. Direction of wind, R. : force. Rain, Mo
" at bottom, " " " " " " " " " " " " " " " " " " "
" at bottom, " " " " " " " " " " " " " " " " " " "
" at bottom, Number of salinometer. Barometer reading. State of sky. Direction of wind, Direction of surface current. Of bottom Name of vessel.
Number of salinometer. Barometer reading. State of sky. Direction of wind, Rain. Direction of surface current. The force. The force
" at bottom, Number of salinometer. Barometer reading. State of sky. Direction of wind, Direction of surface current. Of bottom Name of vessel.

NOTES RELATING TO STATION NO. Marie & Australia surph zurral zinche die fow Corners IN. Flow Wrall will My 1 3 40 P 2 3 E. Pallining with 1 squall parce 20 Quall 2 m. . / ni 1 00 2 m 2 mich les E lingua for The Etters Alliano .. a Virtea alice our Immed winesse. ? # Essans (a)

10.63
Station No. 30
Date, 7600, 2 - 1897
Time of day. // : of the
Locality, Marsh & Mars
Exact position,
410 0.8x 8/48, 37/106 11
Depth.
Nature of bottom, V.
Dredging instrument used.
Direction of drift. The X & Strange.
Temperature of air. Therm, No.,7
·· of surface water, ·· ··
at depth of fathoms.
" at bottom, "
Density at surface, 1.071 temp., 7.7
" at depth of fathoms, "
" at bottom, 1.077 13.
Number of salinometer, 7/04
Barometer reading. 30.15
State of sky, State, State,
Direction of wind, A. Fr. ; force.
Rain, NU -
Direction of surface current, AXIV, force, /x Ken
" of bottom "; force.
Name of vessel, W. A.
Service to which attached, Fish Communican
Name and rank of commanding officer. At Charles
The secretary and the second
Name and position of observer,

NOTES RELATING TO STATION NO. 30 1 2000 1 12 grades rust a pleasant from Stinache 11/2 - 4 1 in the second ent on all more Rickui Transita Buxala 11. eyestiplas y linear in Bujuga & ille mia . Dr. Correction 1 Bules Bothy blue Clidy men Calletta Barrell Land de la company de ... minta enpire Carring house (months in 1884) English sell Like anchorge 57 V. C 1 Cistmerles - 1 Horning ing me from I ceruta Burn within on Uneles Ending commences of

3/ - /95/
Station No. 3/ - 190
Date, New, 201898
Time of day, Softide,
Exact of the marrier & Host
Exact grain Meaniers with Month
mer 18x0 JD - 13) miles meg.
Depth. Seathone
Nature of bottom.
Dredging instrument used. Her brane trans
Direction of drift, A. S. X & Statemer. The Annels
Temperature of air. 36 Fahr, therm. No., 739)
·· of surface water. ··
" at depth of fathoms, "
" arthorrom. "
Density at surface. 1.076 temp., 17.1
" at depth of stations.
" at bottom. 1.025 /2.7
" at bottom. 7.6 4 /2.7 Number of salinometer, 7/6 4
" at bottom. 7.04 Number of salinometer, 3006 Barometer reading.
" at bottom. ".0" ".7" Number of salinometer, 710 4 Barometer reading. 300 6 State of sky. The Cloudy
Number of salinometer, 7/04 Barometer reading. 3006 State of sky. The Cloudy Direction of wind, A.M.: force.
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind, Rain.
Number of salinometer, State of sky. The Cloudy Direction of wind, M. : force.
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind, Rain. Direction of surface current, of bottom 1.02 1.04 3006 6 1.05 1
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind, Rain. Direction of surface current, of bottom Name of vessel, Name of vessel,
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind. Ph.: force. Rain. Direction of surface current, of bottom Name of vessel, Service to which attached.
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind. P. M.: force. Rain. Direction of surface current, of bottom Name of vessel, Name and rank of commanding officer.
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind, Rain. Direction of surface current, of bottom Name of vessel, Name of vessel,
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind, Physical Cloudy Direction of wind, Direction of surface current, of bottom Force. Name of vessel, Name and rank of commanding officer. Name and position of observer.
Number of salinometer, Number of salinometer, Barometer reading. State of sky. Direction of wind, Rain. Direction of surface current, of bottom Name of vessel, Service to which attached. Name and rank of commanding officer.

NOTES RELATING TO STATION NO. 3/y ante planeters 1 Hne Sir june . 1 Lugi . who from some 1 may small .. 5 omall cities have 2 Palia mutaca + 60 Min fich Fortes 2" to In war Calicta maya 1 dela Treten Proposition of Home " it is and for the Commence 2 0 11/19/76 1 amout politice There . Co Carrier Lineliter & horse ching Mucuu Anne no mario anis some in shulo Monetice de aleva

Station No. 3 3 - 1959
Date, Nov. 2-1898
Time of day, 450 pm; of tide,
Locality, (Manager 1)
Exact position. Quality 100
mark Statemen (2 mile las
Trefrence A
Nature of bottom, Mally to styly
Dredging instrument used. Tolkin Market Services
Direction of drift. States distance. Temperature of air. therm. No7.19
Temperature of air. 56 take, therm. No 759
· of surface water, · ·
" at depth of fathoms. "
" at bottom.
Density at surface. 4.2 - temp.;
undepth of tethons.
" at bottom, 10 24 17.6
married a contract of the cont
Number of salinometer,
Number of salinometer, Barometer reading.
Barometer reading.
Barometer reading.
Barometer reading. State of sky. Direction of wind, A. W. : force, 7
Barometer reading. State of sky. Direction of wind, A. W. : force, 7
Barometer reading. State of sky. Direction of wind, A. W. : force, Rain, Direction of surface current, DXIV: force,
Barometer reading. State of sky. Direction of wind, A. W. : force, Rain, Direction of surface current, A. W. : force, Of bottom Name of vessel. J. C. States
Barometer reading. State of sky. Direction of wind, A. W. : force, Rain, Direction of surface current, A. W. : force, Minotton Name of vessel. Service to which attached.
Barometer reading. State of sky. Direction of wind, A. W. : force, Rain, Mo Direction of surface current, A. W. : force, Mame of vessel. Service to which attached. Name and rank of commanding officer,
Barometer reading. State of sky. Direction of wind, A. W. : force, Rain, Direction of surface current, A. W. : force, Minotton Name of vessel. Service to which attached. Name and rank of commanding officer,

NOTES RELATING TO STATION NO. 150 pm. 10 63 mm. 2 Minimu frank floraire, small 1 1. i Had . / Lucal Co gara som kilo & / regions. in Janeto Maria de collega. June 1 Ry Arrive Amfant ing / . . . May,: flike Santa - - - 11 Johns dear what is The me Market

Station No. 33
Date. 747 27/11/
Time of day 7. 7 mm the true of eff
Locality. //www.coffffeell / Jety
Exact position. Community West, Jeli
19hr 7016, 269 / 2006, 1129
Depth. 4/2 thouse
Nature of bottom, A. A. A. A.
Dredging instrument used. The Alexander
Direction of drift. E. L. Ergdistance. 18 7 1 all
Temperature of air. To Fall therm. No., 7397
" of wriace water. "
" at dept) of fathoms. "
at bustom.
Density at surface. /407/
at depth or inthones.
" at bottom. 1,075 17,5
Number of salinometer.
Barometer reading.
State of sky. The Cherry
Barometer reading. State of sky. Direction of wind.
Rain.
Direction of surface current. Dx W. force, Jakewi
of boftom force,
Name of vessel.
Service to which attached,
Name and rank of commanding officer.

NOTES RELATING TO STATION NO. 33

Station No. 34
Date. 747, 22/8/8
Time of day, the state of tide.
Locality, flag the state / Say
Exact position. Harry it Light
2.75 fryele may
Depth, 4/2
Nature of bottom. Thu.
Dredging instrument used. The true to the
Direction of drift, EX D g distance. The of moth
Temperature of air. This is therm. No., 739-
" of surface water. "
" at worth of fathoms, "
" at bottom, "
Density at surface. 1.0°-1 temp., 121
at depth of lathoms,
" at bottom. 1.077 1766
Number of salinometer,
Barometer reading. 30,05
State of sky.
Direction of wind.
Rain, VCO
Direction of surface current, \mathcal{O} : force, \mathcal{O}
inflorence ; force,
Name of vessel, 2
Service to which attached,
Name and rank of commanding officer.
to I community out of
R. V. Bottoper
Name and position of observet,

NOTES RELATING TO STATION NO. ${\mathscr I}_{\#}$ " I a while winds. 1 Town 12 gradie The inner with the 1 Silver series District Alexander of the de 1 Martinia - marca mil Contraction Land The transfer of the same of th Jan Tong

35 1962
Station No.
Date, New 3 / 178
Time of day. 5 100 for : of tide. The hours
Locality, 19 19 19 18
Exact position. Sould Isla aghir A, N
C. 150 grule mag
Depth.
Nature of hottom,
Dredging instrument used. The base Franch
Direction of drift, S, & J & distance, 3/6 Withthe
Direction of drift, S, & Joseph distance, 3/6 greated. Temperature of air. therm. No. 7397
of surface water.
at dapth of fathoms
" at Kortom. "
Density at surface, /. 0 // temp., /3.
" at depth at fathams
" at bottom. 1.023 13.7
Number of salinometer, 7/04
Barometer reading. 50.07
State of sky. / Louis - Maring
Direction of wind, C. P.; force.
Rain, W _
Direction of surface current, H. H. E. force, Lakiev
of bottom : forem,
Name of vessel.
Name of vessel. U. A. A. C. T. A. Service to which attached, A. C.
Name of vessel. Service to which attached, Name and rank of commanding officer,

NOTES RELATING TO STATION NO. 34 Takety with the more 1 1 reence where I we day fill 2m to the Jame Changen sulfarms 2 Drugte forter 3 fin inserve gratist Feed Growing & Com. Revenue Size Fix Thy or achteriaen. Curden + grand Volcia Few small andive. C. Partle Carrie Virolea Lings Free your sien - hake 1 your Corner inon L. Helicar my Fac in il Liston a dest dy the Intel - mull - into Section to man 2 1 15 1-4 of W. conall. Fred agriculto comercia I have freemen with mall head of Tubellarea contingi,

LEM ENATONE AND DENSITY.
Station No. 36 /963
Date, New N- 1898.
Time of day. 4, 20 from: of tide. If here I flow
Locality, Manufacelt 124.
Exact position, South
Depth, Tithere
Nature of bottom.
Dredging instrument used. 7 July
Direction of drift, & , & . ; distance. They will
Temperature of air, 56 Fal. therm No. 39
" of sarface water, "
·· at deposi of fathoms. ··
·· arlottom, ··
Density at surface, 1.021 temp 12,7
at depth of fathoms.
" at bottom, 1,677 /3°=
Number of salinometer,
Barometer reading. 20,07
State of sky. Charactery w
Direction of wind, Direction of wind, Direction of wind,
Rain, No
Direction of surface current, H.N.E: force, J. 112
of bottom ; force,
Name of vessel, The State of Application
Service to which attached, It have been a
Name and rank of commanding officer.
R. S. Son Sport of many

NOTES RELATING TO STATION NO. House under promise In mucho-para in 2 Sweet of Control of Ville. Entry confine when the Strage Branch Co afour yo start is at all one Revisal large Senthe come Mitarita istand 2003 der Asses Thylera. Cude from morner on seed? non-for win James Sizma Mitter Francis more the involve marked to Caliveda in the parties out the 1 Troprous Fr. Mark Will Comment Fre delen in mere! Tire Brown I dead that service filesa. I but approarie to have were

5- 10'
Station No. 37 - 1904 Date, 201/3 - 48
Date, Not/3 AV
Time of day. 9 : of tide.
Locality, With Jones of Land
Exact position
1+2. 250 hung.
Depth, 16 fathernic
Nature of bottom, Am - rock & Drawn
Dredging instrument used. 7 Last 1800 France
Direction of drift. W. M. ; distance, for mile Temperature of air. 520 therm. No. 1007
Temperature of air.
of surface water.
· at death of fathoms, ·
" artorton. "
Density at surface. 11023 temp., 13.4
at depth of the fithous.
" at bottom, 1.0 > 3 13.6°
Number of salinometer.
Barometer reading. 30, 46
State of sky. There - begin land,
Direction of wind, R. R. & ; force.
Rain, No
Direction of surface current, EXD : force. 15 Kurr
Direction of surface current, Ext : force, 15 Keeps
Name of vessel.
Name of vessel.
Name of vessel. Service to which attached, Name and rank of commanding officer.
Name of vessel. Service to which attached,
Name of vessel, Service to which attached, Name and rank of commanding officer.

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NOTES RELATING TO STATION NO. 37 aleyonum Curren midle surrey a few wie can Rulphun springe stiffen a Cliona sulphur ca 3 star feel Firthe sto 41/1 inches the met purple ton. I arm of The is star - Forter of Criballa for to 2/2 mich Her free of signed with bry son of hy row of I shell of to Tire anto with Voitea 2 rive with & forgionifer. 1 Junicate (?) Small piece armmarra circum Olivelette. . - 2 dear . helle

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Station No.
Date. The same
Time of day. 10, 10 portide.
Locality, Buth Add States
Exact position.
Ex Q. 1/275 nuller may
Depth. 19 12 17 1112
Nature of bottom.
Dredging instrument used.
Direction of drift, 1. X D. : distance.
Temperature of air, 5 % the therm, No., 736
of surface/water.
·· at depth of fathoms. ··
" at Notton,
Density at surface. 1.078 temp., 13.6°
at depth of fathonis,
" at bottom, 1.023 14.1° =
Number of salinometer.
Number of salinometer. Barometer reading. 30.46
State of sky. Blue - light to de
Direction of wind, H. H. & ; force.
Rain, Mo
Direction of surface current. O M. : force. Jackter
DOLLO III
71. 4. 7. C. S. Fred Hande
Service to which attached, Fish Commission
Name and rank of commanding officer.
R. G. Savakor, Corene
Name and position of observer.

su note in frage took NOTES RELATING TO STATION NO. 3 6 stain trinacia 9 milying engle resulte from Jan Land young P. Combina interrige egyment rate I emall siter. 3 small ship - 1 mg. I med, + I small of offer flower. V-18 spine continue ?! Pantalus, Chenons Leveral large pieces of help Pieu of ornibard Irrier Friting from - 1 Golding Munchia I dead where Jusus - 1-Few & torresta wit E. Bunkany Desail of cliter, son I hay don't be returned by dischirty all ist marrow at the sto I im. 12 dayle late - supply some I day fal, tobas 12 ams witchelly rependent - elicitmitte I large wifty of fourier they Vin

2 Denois
Station Ng. 39
Date.
Time of day. O for tide.
Locality. Plant Tall
Exact position.
RISKE TIP C. STANK No
Depth.
Nature of bottom.
Dredging instrument used
Direction of drift, distance.
Temperature of air. 52 therm. No 7
of surface water.
" at depth of fathoms.
Density at surface.
Density at surface. temp.,
" at bottom. 1.023 13,5°
Number of salinometer. 7/04
Barometer reading. 30,46
State of sky. Like I have dear
Direction of wind, 71. W. force.
Rain. W
Direction of surface current.
of bottom
Name of vessel. 4.4. 7. 6.
Service to which attached,
Name and rank of commanding officer,
J. Jobbupt II Ly District
Name and position of observer.

NOTES RELATING TO STATION NO. 39 1 How pare View hake mall 20 Opening form 30 Arabi - winner I small equint Take Monny de robin I al soup. 1 2 Bundaring Spiriter Few amall from we chine some small squee. I dizen) Trynumby Nel 12 1 18h report of Syponia relation Try ful pandalus formes. E. Engreadour few limits Truste wohn flower from 1 large source foreales Crépionela financia.
Crépionela financia.
Dead abull y cyclorentin forma.
atour 200 mangan Tou 1702 very few small maple "
2 - total star la 2 2 mil

40 - 10/7
Station No.
Date. 24.32 /197
muses 1/ 3000 on 1/2 for Ask
Locality.
Exact position, Black, Levy He land
M. E. 17 62 4.50 mile may
Depth.
Nature of bottom,
Dredging instrument used,
Direction of drift.
Temperature of air.
·· of surfaceAvater. ··
" at deput of fathoms.
· at lotton, ·
Density at surface. 4023 temp 1728
ar depth of fathums of
" at bottom, 1.024 13.5.
Number of salinometer, 710 4
Barometer reading. 30,46
State of sky. Blue - light clouds
Direction of wind, M. E ; force,
Rain. No.
Direction of surface current, A W.; force, Johnson
ui bottom " force.
Name of vessel. U.S. 7 3. S. Fil Hawke
Service to which attached, Fost Commence.
Name and rank of commanding omeer.
R. H. Marris, June, Marries
Name and position of observer.

Few small pandalus NOTES RELATING TO STATION NO. 40 1 Primer flore is (Sugalor Communication)
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TEMPERATURE AND DENSITY.
Station No. 41 - 1968
Date, Nov. 3 - 1898
Time of day. 19 3 a cof ride. 13/4 A Cy M
Locality, I HONE Lake
Exper position. Place To The J. S. E. Ley Role & J. S. S. Rich Store
Depth. 7/4 fattions
Nature of bottom, Jan -
Dredging instrument used, I feet bearn franch.
Direction of drift. : distance.
Temperature of air. 3-40 Jahr. therm. No., 7397
" de survice water. "
" at depth of fathours. "
" achottom, "
Density at surface. //073 temp., /3,2
Consequence of the control of the co
" at bottom. 1.023+ 13°=
Number of salinometer, 7/04
Number of salinometer, 7104 Barometer reading. 30.46
State of sky. Blue light cheerly
Direction of wind, H. E ; force.
Rain, Ws —
Direction of surface current, // : force.
of hottom : force,
Name of vessel. W. J. F. J. J. Fish Bank
Service to which attached, First Great Commence
Name and rank of commanding officer.
HU Dansy and Marcons
and the second s

NOTES RELATING TO STATION NO. 4/ about half a prote of contine and casenesses hydroids. a little frank? Rome meet springe 2 Gribella. 1 brittle star, Dome small popula " " muthorperd Byozea, pleatiful I small piece of alegonism any few onlace again. Tritia a few actyris, 2 m3 and morting V Brangon very conace a few Jones concer break.

10/0
Station No. 7 3 - 1876 Date,
Date, 1187. 3 - 13/6
Time of day. 1, 35 pm: winder 3 how of M
. My ann of 2000 - There .
Exact position. Exact position. Exact position. Exact position. Exact position.
Depth. 40/4 forthern
Nature of bottom. March franch
Dredging instrument used. Their fearm thank
Direction of drift. N. Ex & ; distance. / mult
Temperature of air. 37 4 therm. No. 7397
of surface water,
" at death of fathoms. "
at death of fathoms. at hottom, 56 regrette
Density at surface. 1.023 temp.,
the personal methods of the company
" at bottom, 1.023 13.2
Number of salinometer. 7104
Barometer reading. 30,46
State of sky. Place - high to Charles
Direction of wind, & & . E. ; force.
Rain, W
Direction of surface current, Et : force, Johnson
if troppose a commence of the
Name of vessel. It is the free the Tree
Service to which attached, From Control Social
Name and rapk of commanding officer. At Court
Name and position of meserver,

NOTES RELATING TO STATION NO. 4/2 10 11 - 11 Storping 16 Minde flores 1 17 -6.7-6 Mindon have American telemore outre. I Con Livel of for Cancilla strenting Young seles have to 12 years squat Ten Ist my silver are 1 1/ Cyclopaina be calie Typhe pyma - curre By miles Mile 1(1) Enferchance + 30 marron stares / to 2 in 2 femple store. In to 3 m For twice challs. I small ancher my y had not morrow. Cyporna vela. Frea 1 wir la herte Der a service of what he is

TEMPERATURE AND DENSITY.
Station No. 44-3 - 270
Date,
Time of day, 770 Trace 4 hrs. The
Locality, M, E.
Exact position.
1. Metaly - 7, 25 miles his
Depth, 20 fr.
Nature of bottom.
Dredging instrument used.
Direction of drift, Ex R / Sistance. 3/4 mile
Temperature of air. 570 take therm. No.,
of surface water
" at depth of fathous.
" at horton, 560 Pregrath
Density at surface. //0 2 3 temp., /3,1
at depth of tathous
" at bottom. 1.633 + 13.7
Number of salinometer. Recognition 30.46
Datometer reduing.
State of sky. Blue light Clouds
Direction of wind. J.J. E : force.
Rain, Mo
Direction of surface current.
force.
Name of vessel.
Service to which attached, Trake Come was and
Name and rank of commanding officer.
Varne and nosition of abserver

NOTES RELATING TO STATION NO. +34 Kinsty florence . 4 Outen ten bygi-· Reuf 6 admits A little services For the tra Sypho by Conficult arryona

Station No. 444 - 1971
Date. Nov. 3 - 98
Time of day. 3, 10 pm of side. I have the
Locality, M & of Short Land, de il
Exact position, Phy new th begin
H. MX Or Trolle 6.50 Autoring
Depth. 16 de action.
Nature of bottom.
Dredging instrument used. 7 201 1 50 mg
Direction of drift. & Jan Mar distance. 3/8 hold
Direction of drift. E Je We distance. 3/8- httle Temperature of air. 56 Alex therm. No., 739
of surface water,
at depth of fathoms.
" at horton, 56 neg vette
Density at surface. 1.0 >3 temp., 13.3
" at depth of fathoms. A
" at hottom. 1:0237 " 13.7"
Number of salinometer.
Barometer reading.
State of sky, Place English Charles
Direction of wind, N, W; force.
Rain. S.A 2/
Direction of surface current. (1) : force. 3/c /c.m.
" of bottom " : force.
Name of vessel, A. J. F. C. Y. Fred. Facule
Service to which attached, Fresh, General W. J. Comments
Name and rank of commanding officer.
Name and position of observer.

NOTES RELATING TO STATION NO. 44 2 cohribillion strature -

276
Station No. 4
Date, Nov. 3 2 9
Time of day, 3, 50 : of tide. Une field
Locality (1977)
Exact position of American
Exact position Pt. Jan. Legis W/2 W. 8,50 miles
Depth, Comments
Nature of hottom, Active
Dredging instrument used,
Direction of drift. A Mary distance, 3/6 mil
Direction of drift. A Mark distance, 3/6 mill
of surface water.
" at depth of fathoms. "
" at lottom. The fire with
Density at surface, /, 0 300 temp., /3,0
" at depth of fathoms getter ent " at bottom. 1.024 13.2
" at bottom. 1.024 13,2"
Number of salinometer.
Number of salinometer. Barometer reading.
State of sky. Police - Sugar of A.
Direction of wind, M. O. H.; force.
Rain, MU
Direction of surface current, O ; force,
Same of vessel, U. F. C. Z. Fred. Herete
Service to which attached,
Same and rank of commanding officer.
R. G. Davenper. Worlang
Name and position of observer.

NOTES RELATING TO STATION NO. 45 E Minute Many Com 1 silver the museum 3 2 pkuli I HELLE WAR per al man submite I yourge sited hate 30 " sea notions, a few inful the recent Frita tiverisata 1116 Tenesa piece brane and

TEMPERATURE AND DENSITY.
Station No. 46 - 973
Date, Mer 4 198-
Time of day, 8.30 and of tide, 32 1 - flet
Locality, 4 K. June 1 - Changel King
Exact position,
not the made way
Depth.
Nature of bottom. Sandy - stiller
Dredging instrument used. Tes. Dr. con frant
Direction of drift. D. Ex 1/4. Estance, To mule
Temperature of air. 58 Fider therm. No. 7597
· of gurdaça water. ·
" at depth of futhous. "
" of hortom." "
Density at surface, 1,0 7 2 temp., 12, 3
Density at surface, 1,000 temp., 12.3
" at bottom, 1.0 > 3 + 14° C
it at depth of fathome.
at depth of fathom. " at bottom, 1.0 > 3 + 14° C Number of salinometer. Barometer reading. 20.42
at depth of fathoms. "at bottom, 1.0 7 3 7 14° C. Number of salinometer. Barometer reading. 20.42° State of sky. 12000
at depth of fathom. " at bottom, 1.0 > 3 + 14° C Number of salinometer. Barometer reading. 20.42
at depth of fathom. " at bottom, 1.0 > 3 + 14° C Number of salinometer. Barometer reading. 20.42 State of sky. 1.42 Direction of wind. Colon; force. Rain. 1.40° C
at depth of fathom. " at bottom, 1.0 > 3 + 14° c Number of salinometer. Barometer reading. 20.42 State of sky. 1.114 Direction of wind, Colon; force,
at depth of fathom. " at bottom, 1.0 > 3 + 14 ° ° ° Number of salinometer. Barometer reading. 20.42 State of sky. 1.42 Direction of wind. Color; force. Rain. Direction of surface current. H. H. : force, 1.45 " of bettern in order of surface current. H. H. : force, 1.45 " of bettern in order of surface current. H. H. : force, 1.45 " of bettern in order of surface current. H. H. : force, 1.45 " of bettern in order of surface current. H. H. : force, 1.45 " of bettern in order of surface current. H. H. : force, 1.45 " of bettern in order of surface current. H. H. : force, 1.45 " of bettern in order of surface current. H. : force, 1.45 " of bettern in order of surface current. H. : force, 1.45 " of bettern in order of surface current. H. : I in order of surface current.
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at depth of fathom. "at bottom, 1.0 7 3 7 140 c. Number of salinometer. Barometer reading. 20.42 State of sky. 1.11 Direction of wind, Comment. 1.11 Force, 1.11 Same of vessel. 1.7 7 C. 1.11 Service to which attached, 1.11 Same and rank of commanding officer. 1.11 Same of vessel. 1.11 Same and rank of commanding officer. 1.11 Same of vessel. 1.11 Same and rank of commanding officer. 1.11 Same of vessel. 1.11 Same of vessel. 1.11 Same and rank of commanding officer. 1.11 Same of vessel. 1.11 Same of vessel
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NOTES RELATING TO STATION NO. 46 I egennee he te -Several Juny rea robin Few Pandalus 5 Skall - ermana, reshur Derval Jung ich in La re !?) I for i spor . Parasiti in floring .

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Station No. 47 — //74 Date, Nov. 4 — 98
Date, Nov. 4 -91
Time of day. Time of tide.
Locality, Control of the Control of
Exact position. Additionally lights
E. n. E. 27 67 miles may
Depth, 14 fathering
Nature of bottom, Gund,
Dredging instrument used. 7
Direction of drift.
Direction of drift. ; distance. Temperature of air. 59 Hand therm. No. 7397
" of surface water. "
" at death of fathons. "
artiottom,
Density at surface. 1.02-3 temp., 13.3
- ut depite of fattoms.
er at bottom. 1.05 4 /3.30 c
Number of salinometer,
Barometer reading. 30. 4
State of sky, Blue, Kary
Direction of wind. Calw; force,
Rain,
Direction of surface current. Il It; force, Tokuste
of bottom ", force,
Name of vessel, M. J. J. P. J. Trade Source
Service to which attached, The Control of the Service to which attached,
Name and rank of commanding officer Vr. Cerus
1. 4. Same for, Manny
Name and position of observer,

NOTES RELATING TO STATION NO. 4 4 miles florenders 1 very large sommer, 1 msty flowers charce. 4 skalis Erincacea 2 winder 11 1? peck pour orllars Few young P, Carolina Fragment of spe a little algar Control of gir silve hate (?) ew Pandalus Aprivala flavo 1 Shell of lettering letter a. small sum Her cranfor above 2003 maroon date to to 3 in for & Joung Buccimum.

110 - 97-
Station No.
Date. A. C. L.
Time of day. : of tide.
Locality, Sent Maria
Exact position.
1. X 8. 1/2-9, 1967 miles king
Depth, 9/7 fall.
Nature of bottom, Aller ;
Dredging instrument used. 7 July 1864 Vents
Direction of drift. / X Z. : distance,
Temperature of air, 37 7 therm. No 739
" of surface water.
·· at depth of fathoms. ··
·· at Jottom. ··
Density at surface, 1.0 5/3 temp., 13.
at depth of fathons
" at bottom, 1.023 12,50
Number of salinometer, 7/04
Barometer reading.
State of sky. Street
Direction of wind, $\mathcal{C} = \mathcal{C} + \mathcal{C}$: force.
Rain, No.
Direction of surface current. HX & : force,
: force.
Name of vessel.
Service to which attached.
Name and rank of commanding officer.
X W. There are the second
Name and position of observer.

NOTES RELATING TO STATION NO. 4 7 kmile florence 16 Symmet hake -I small cea - more 1 day fish Forbesie 7 skale emacia B sculpius 2 Jamy hake - agume I small connec Few land dollars. / Libraia -2 marron dai { !! 78. Bernharing - few full Melliane. Buccium undature mace E. Lonficarpens - few Emanlying L' Speciata. X - herry type from . Few changen 1 anachris. e B. unwillefro 2 Small Pills Bunch of send from lefts

Station No.
Date, nov. 4-98 thealy
Time of day 10.30 ; of tide. High Erale
Locality, In salconert run
Exact position, Church Line H. W. 1/2 H
.99 gruga mag.
Jepth, 5 fathours
Nature of bottom, havely
Dredging instrument used, 7 feet bram travel
Direction of drift. A C A M & distance. / 7 / 10000
Temperature of air. 60° Fahr therm. No 7397
" oAsurface water. "
" at depth of fathoms. "
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Density at surface, 1.0 22 + temp., 12.
at depth of fathoms, 17/1
at depth of fathoms, 17/1
" at depth of fethoms, " " at bottom, 1023 17,1" Number of salinometer, 2100
at depth of fethoms, " at bottom, 1073 17,1 Number of salinometer, Barometer reading. State of sky.
" at depth of fethoms, " " at bottom, 1023 17,1" Number of salinometer, 2104
at depth of fethoms, " at bottom, 1073 17,1 Number of salinometer, Barometer reading. State of sky.
at depth of fathoms, at bottom, 1873 17/19 Number of salinometer, Barometer reading. State of sky. Direction of wind, Caller; force,
at depth of fethoms, at bottom, 1073 //// Number of salinometer, Barometer reading. State of sky. Direction of wind, Calue; force, Rain, Direction of surface current, O; force,
at depth of fathoms, at bottom, 1073 1711 Number of salinometer, Barometer reading. State of sky. Direction of wind, Caller; force, Rain, Direction of surface current, 0; force, of bottom : force, Name of vessel. U.S.F.C.S. Force,
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at depth of fathoms, at bottom, 1073 1711 Number of salinometer, Barometer reading. State of sky. Direction of wind, Caller; force, Rain, Direction of surface current, 0; force, of bottom : force, Name of vessel. U.S.F.C.S. Force,

NOTES RELATING TO STATION NO. 444 1 on skares ermacia I large ×1 small symmel have V Winter flower ~ mind the parce 1 Cumin of chalmin several young fich, cleare 1/2 in Hew crawfori 1 E, Longitarpus 1 E pollicario & E anulipos, gunal Laprivila Jelana few Balanus I neverita with herries 2 1/2 in star from (?) maron littoria Tritia 1 Ly drack times 1 years fish membery has

Date, Nev, 44) 48
Time of day ! . am : of tide, High Took
Locality, In Rescure more
Exact position, High Hell point
n. E/2n, gy of a mile
Depth, A 14 fathorns
Nature of bottom, Tuckey =
Dredging instrument used,) feel Man hawl
Direction of drift, 7 x 1 ; distance, 3/8 mile
Temperature of air, 60 Fahr therm. No., 7.39
·· of surface/water,
" at depth of fathoms. "
" at lifetton), "
Density at surface, 1.022 temp., 12
" at depth of fathoms.
" at bottom, 1.0 3 " 12,4"
Number of salinometer,
Barometer reading.
State of sky, Blue Direction of wind, A, W, ; force.
100
Rain,
Direction of surface current, (; force,
Name of vessel, U. J. 7. C. J. rah Vaute
OV A
Name and rank of commanding officer, Nr. Combre R. R. Saven fore, Minery
Name and position of observer.
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NOTES RELATING TO STATION NO. 500 Ten symme have of Ambie flowers - 2 matt Few dead shells Balurus, with Membranipera & Despula Ospidala formenta Escanlla plana. E Pollieario reveral E Lingiantes Lew Limatia heros. nurrita 1 Labinia 1 mierrata r Pelia mutica a few small craphance Hyprachtinea.

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1 Barnarus of Aupleura cambata dead shou